

# ***Alaska DOT&PF Harbor Program Update***

***presented by***

***Michael Lukshin, P.E.***

***State Ports and Harbors Engineer  
Alaska DOT&PF***



# State Ports & Harbor Section

- Our function is to provide a broad range of engineering and planning expertise for coastal and harbor projects.
- Work with federal and state agencies and coastal communities.
- We evaluate and prioritize statewide public harbor needs and seek legislative appropriations to address them.



# State Ports & Harbor Section

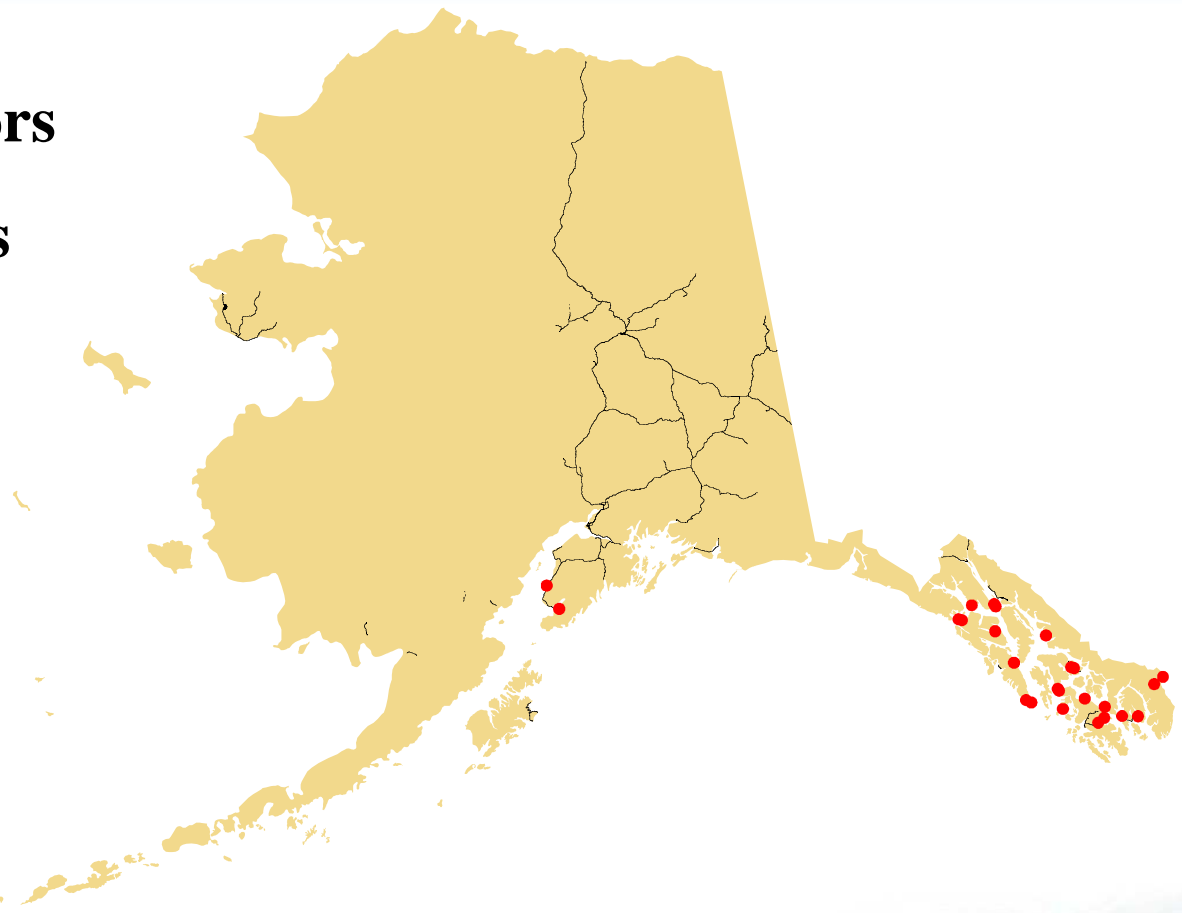
- Statewide Function
- Part of Statewide Engineering
  - Standards, Bridge Design, Harbors
  - Geotechnical, Materials
- Planning
  - STIP, long range plan, data warehouse, highway safety office
- Administrative, Commercial Vehicles, State Equipment Fleet, Facilities



# DOT&PF Ports & Harbors

**25 State-owned Harbors**

**23 FAA seaplane floats**



# DOT&PF Ports & Harbors

- Department is responsible for 25 of 125 public harbor facilities
  - Mostly located in unincorporated areas of the state
    - Frequently the harbor is the only transportation means to get there
    - FAA has attached a number of seaplane floats to these harbors
  - When there is a local gov't, we delegate harbor O&M to the municipality
    - Local gov't can charge & collect harbor fees and see that funding goes back into maintaining the harbor facility
    - Unlike a statewide policy, local users know better how to run things
- At one time, the department owned and maintained 99 of the 125 harbors. Since 1986, DOT&PF has transferred 75% of its harbors to local gov't using deferred maintenance funding
- Two main capital programs
  - Municipal Harbor Facility Grants (AS 29.60.800)
  - Corps of Engineers Program



# Municipal Harbor Facility Grants

- Financial assistance for locally owned harbors
- 50/50 state matching funds to construct harbor projects
- Requires annual appropriation from the AK Legislature
- Competitive process, each application scored and ranked
- Grants: \$5M cap per year per facility, \$50K minimum
- Municipalities only, second class city and above
- Projects managed locally
- July 1<sup>st</sup> deadline



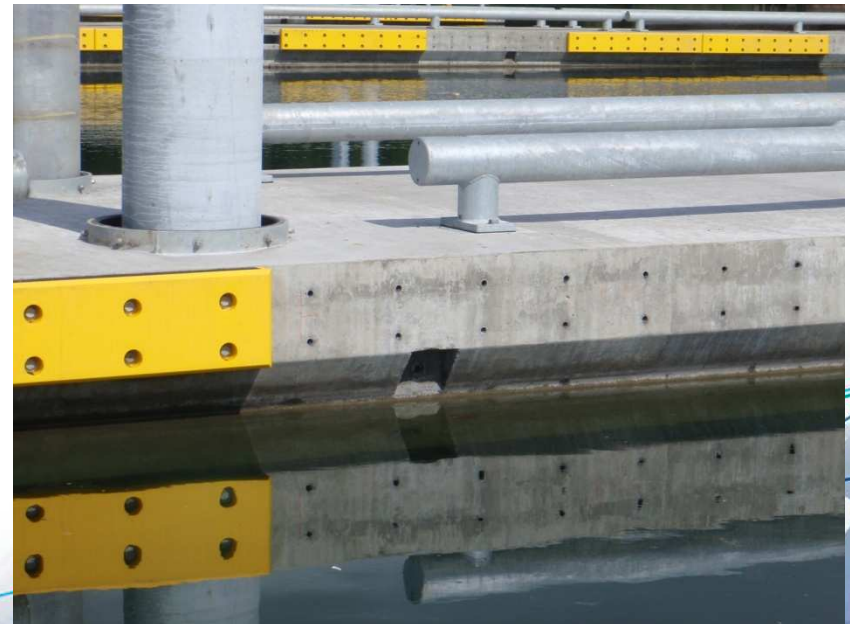
# The Harbor Grant Program

- New program, law passed in 2006
- Started in 2007 with seven applicants
  - Total request was for \$9.2 million but funded for only \$5 million
  - 2007 grantees: Kodiak and Thorne Bay
- In 2008, nine applicants, combined total of \$10.4 million.
  - Full funding
  - 2008 grantees: Craig, Dillingham, Haines (2), Ketchikan, King Cove, Juneau, Old Harbor, Yakutat
- This year, eight applicants for \$13M but no funding.
- 2010 legislative session, seven applicants requesting \$17M.
  - Applicants are Aleutians East Borough (Sand Point), Bethel, Juneau, Seward, Sitka, Skagway, and Thorne Bay



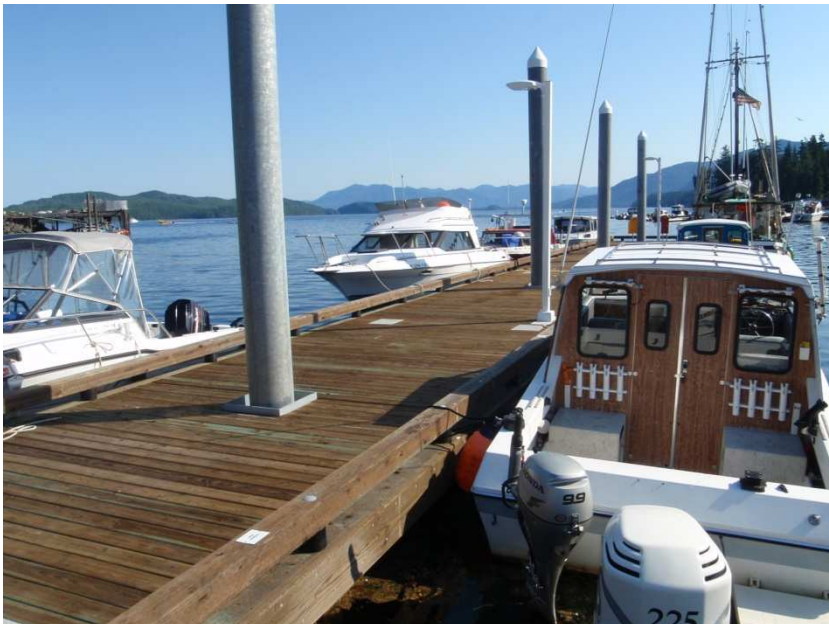


# Kodiak's St. Herman Harbor project





# Ketchikan's Knudsen Cove project



# What's Eligible

**The removal, replacement, rehabilitation, or installation of the following items are eligible for funding under this program:**

- Pilings and anchors
- Approach structures
- Access ramps and gangways
- Float systems for permanent and transient moorage
- Utility systems integral to the float systems (specifically power, lights, fresh water, sewage and fire systems)
- Access ramps and gangways
- Launch ramps
- Seaplane floats
- Other appurtenances necessary for the basic operation of the harbor facility



# What's not eligible?

## Some examples

- Breakwaters and revetments
- Dredging
- Dikes, groins, and jetties
- Docks for large commercial or tourist vessels (greater than 100 feet LOA)
- Seawalls, bulkheads, sheet pile walls, gabions, and quays
- Commercial and privately owned utility systems, e.g. fuel, on the float systems
- Platform floats for small buildings, restrooms, or commercial retail space
- Access roads and uplands
- Boat houses
- Portable or trailer mounted equipment for fire fighting, sewage pump out, oily bilge water, etc.
- Utilities outside the actual harbor facility, e.g., electrical and sewer lines extensions necessary to bring those services to the harbor facility
- Vessel hoisting machinery
- Landscaping and facility amenities
- Harbormaster offices, buildings, offices, shops, boat yards or storage structures

Not for preventative maintenance!





# Corps of Engineers harbor projects

- The State, through DOT&PF, can assist the municipalities with Corps of Engineer harbor projects.
  - First, we provide technical in-kind services
  - Second, we pay 50% of the local costs
- 50/50 matching grants for design and construction
  - The Corps funds breakwaters and navigation channels (80/20 split)
  - State and Local funds mooring basins and float facilities (50/50 split)
- Requires annual appropriation from the AK Legislature
- This is a different federal-aid process (not part of the STIP)
- No fiscal caps, but the timeframe is long
- Corps HQ review in Hawaii and Washington, D.C.
- Requires Congressional support and funding

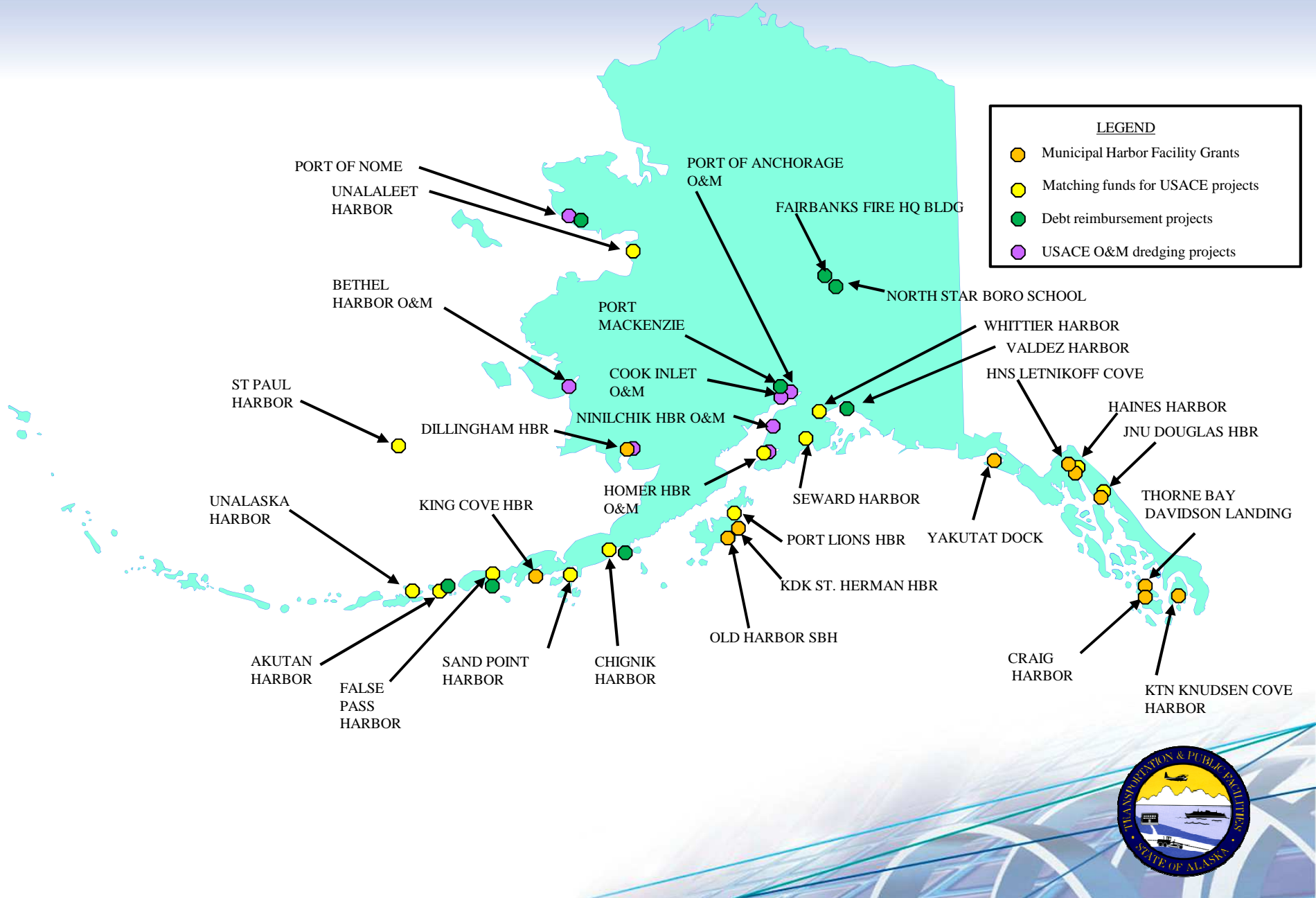


# False Pass Harbor project





# CURRENT HARBOR PROJECTS



# *Backup slides*



# http://www.dot.state.ak.us

State of Alaska Employee Directory DOT&PF Home Search DOT&PF  find



## Alaska Department of Transportation & Public Facilities

Seward Highway, Fall 2007. photo by Ron M. [unclear], ©Alaska DOT&PF

**Travel Info** **Doing Business w/DOT&PF** **Inside DOT&PF** **Jobs, Jobs, Jobs**

Airports Railway Highways Ferries Trucks Transit Ports & Harbors Safety



**Commissioner**  
Leo von Scheben,  
P.E., L.S., M.B.A.  
*Our mission is to  
provide for the safe  
movement of people and  
goods and the delivery  
of State services.*

### Headlines

- ▶ **NEW** Oct. 6: DOT&PF cuts ribbon to open Glenn-Bragaw Interchange; Completion signals cornerstone project of Connect Anchorage Initiative
- ▶ **NEW** Oct. 1: AMHS releases 2009 summer schedule early
- ▶ Press Box: The Latest News from the DOT&PF

### How Do I...

- ▶ Make a ferry reservation on the Alaska Marine Highway?
- ▶ Find a DOT&PF employee?
- ▶ Take a practice driver's test?
- ▶ Get an Alaska Highway Map?
- ▶ Find information about Scenic Byways?
- ▶ Find road weather information?
- ▶ Lease space at a Rural Airport?

### Quick Links

- ▶ Regions
- ▶ Contact Us
- ▶ Procurement
- ▶ Other State DOTs
- ▶ US DOT
- ▶ Alaska Region FAA
- ▶ FHWA
- ▶ Government Links

### Highlights

### Project Information







DOT&PF > Statewide Design & Engineering Services > Ports and Harbors

## Mission



The Ports and Harbors Section is a state unit. Our function is to provide design, technical and administrative assistance for coastal and harbor projects to federal, state and local agencies and communities. We evaluate and prioritize statewide public harbor needs and seek legislative appropriations to address these needs.

### The section's services include:

- Developing plans, specifications, and estimates for in-house designs
- Reviewing consultant designs and consulting on harbor, and coastal airport and highway projects
- Working on special projects such as water quality and circulation
- Special evaluations for other agencies
- Establishing design criteria for use by consultants, e.g. wind and wave analysis
- Assisting construction personnel
- Establish State of Alaska design procedures and policies for coastal and harbor projects
- Acting as technical liaisons on harbor projects involving the US Army Corps of Engineers
- Coordinating with state and government agencies on special issues, such as the Americans with Disabilities Act and Nonpoint Source Pollution
- Evaluating conditions of state owned harbor facilities
- Negotiating and administering the transfer of state owned harbors to local communities in cooperation with the regional offices
- Managing the Municipal Harbor Facility Grant Program

## Section Information

- ▶ Home
- ▶ Staff
- ▶ Resources
- ▶ Municipal Harbor Facility Grant
- ▶ Statewide D&ES Home
- ▶ Contact D&ES Webmanager

## Related Links

- ▶ Alaska Harbors & Harbor Orgs
- ▶ More links

3132 Channel Dr.,  
P.O. Box 112500  
Juneau, AK 99811-2500  
Phone: (907)465-3979  
Fax: (907)465-2460

**Michael Lukshin, P.E.**  
State Ports and Harbors  
Engineer  
907-465-3979



# Ports and Harbors

DOT&PF > Statewide Design & Engineering Services > Ports and Harbors

## Municipal Harbor Facility Grant



The State of Alaska is blessed with one of the finest public harbors systems in the country. Our magnificent coastline and bountiful marine resources make our harbors vitally important to Alaskans and our communities.

### Purpose


To provide financial assistance to municipal owned harbor facilities, the Alaska Legislature passed landmark legislation in 2006 establishing a new 50/50 matching grant program called the Municipal Harbor Facility Grant Program. This grant program will go a long way towards recapitalizing local government's harbor infrastructure and furthering the sustainability of Alaska's public harbor system.

### Details

This grant program is funded on an annual basis at the discretion of the Alaska Legislature and consists of two tiers, Tier I and II. The first tier has priority and consists of major maintenance and repair of a harbor facility that was previously owned by the state and now is locally owned. The second tier consists of all other municipal harbor facilities and those harbor facilities which have already received a Tier I grant. A harbor facility may only receive one Tier I grant but is eligible for multiple Tier II grants.

Reference Alaska Statute [AS 29.60.800](#)

[Instructions](#) 

[Application](#) 

[Scoring Criteria](#) 

For more information, contact the [State Ports and Harbors Engineer](#) at (907) 465-3079.

Photo credit:  
Three boats sit in Dutch Harbor, Kodiak Harbor Peter Metcalfe, ©Alaska DOT&PF  
Auks Bay Harbor ©Patrick McGonegal

## Section Information

- ▶ [Home](#)
- ▶ [Staff](#)
- ▶ [Resources](#)
- ▶ [Municipal Harbor Facility Grant](#)
- ▶ [Statewide D&ES Home](#)

▶ [Contact D&ES Webmanager](#)


## Related Links

- ▶ [Alaska Harbors & Harbor Orgs](#)

## Grant Program Info

- ▶ [Instructions](#) 
- ▶ [Application](#) 
- ▶ [Scoring Criteria](#) 



Please note: You must have Acrobat Reader to open any PDF  documents on this page.

If you do not have Acrobat Reader, [click to download the FREE software.](#) 

